



(19) RU⁽¹¹⁾ 2172077⁽¹³⁾ C2

(51) 7 H04Q7/30, H04B7/26

FEDERAL SERVICE
FOR INTELLECTUAL PROPERTY,
PATENTS AND TRADEMARKS

(12) DESCRIPTIONS OF INVENTION To the patent of Russian Federation

- | | |
|--|--|
| <p>(21) Application number registered: 98113934/09
 (22) Application filing date: 1996.12.18
 (24) Date started of validity of the patent: 1996.12.18
 (31) Priority application number: 575,413
 (32) Date of filing of priority application: 1995.12.20
 (33) Alloting country or organization: US
 (43) Unexamined printed documents without grant:
 2000.05.10
 (45) Date: 2001.08.10
 (71) Applicant information: KVEhLKOMM
INKORPOREJTED (US)</p> | <p>(72) Inventor information: SPARTTs Majkl K.
(US); AGRE Dehniehl G. (US);
ROBBINS Barri R. (US)
 (73) Grantee (asignee) information:
 KVEhLKOMM INKORPOREJTED (US)
 (74) Attorney, agent, representative
 information: Emel'janov Evgenij
Ivanovich
 (85) PCT date art. 22/39: 1998.07.20
 (86) PCT or regional filing information: US
96/20764 (18.12.1996)
 (87) PCT or regional filing information (publ.):
 WO 97/23108 (26.06.1997)
 Mail address: 129010, Moskva, ul.
Bol'shaja Spasskaja 25, str.3, OOO
"Gorodisskij i Partnery", Emel'janovu
E.I.</p> |
|--|--|

**(54) RADIO COMMUNICATION SYSTEM USING RADIO FREQUENCY SIGNAL
MODULATED UNDER CONDITION OF MULTIPLE ACCESS WITH CODE DIVISION OF
CHANNELS JOINTLY WITH NETWORK COMMUNICATION PROTOCOL A-
INTERFACE , STANDARD GSM**

FIELD: mobile communication. SUBSTANCE: proposed invention is designed to ensure functioning of wireless communication system with employment of interface of multiple access with code division of channels and network connection based on A-interface of standard of Global System of Mobile Communication (GSM). Interface of radio frequency signal of multiple access with code division of channels presents bi-directional interface with subscriber's device and transport system SS7 of A-interface of GSM standard provides for bi-directional interface with commutation center of mobile servicing of GSM standard. Apart from it there is provided aid of transparent transportation of messages used to exchange signaling messages determined in protocol of A-interface of GSM standard between switching center of mobile servicing of GSM standard and subscriber's device. EFFECT: transparent transportation of messages between switching center and subscriber's device. 35 cl, 12 dwg